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WST108AUSA

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/532,971 Confirmation No.: 4656  
Applicant : Caton  
Filed : April 27, 2005  
TC/A.U. : 1654  
Examiner : unassigned  
Customer No. : 00270  
Title : MOUSE MODEL FOR AUTOIMMUNE DISORDERS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant submits to the Examiner the attached Form PTO/SB/08A/B document listing and this paper pursuant to 37 CFR § 1.56 and § 1.97-1.98. Form PTO/SB/08A/B is attached and copies of the documents are enclosed herewith. This Information Disclosure Statement is submitted more than three months from the filing date of this, but before the receipt of a first Office Action. Therefore, no fees are believed due.

CERTIFICATE OF TRANSMISSION/MAILING			
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Signature			
Typed or Printed Name	Summer Uchin	Date	Aug. 24, 2006

6

**REMARKS**

Listed below are documents cited in the International Search Report dated November 22, 2004 in the corresponding International Patent Application No. PCT/US03/31519, filed October 27, 2003. A copy of the Report is enclosed, together with copies of the documents.

- (i) RILEY et al., "Graded Deletion and Virus-Induced Activation of Autoreactive CD4+ T Cells", J. Immunol., 265:4870-4876 (November 1, 2000)
- (ii) BOT et al., "Cellular Mechanisms Involved in Protection Against Influenza Virus Infection in Transgenic Mice Expressing a TCR Receptor Specific For Class II Hemagglutinin Peptide in CD4+ and CD8+ Cells", J. Immunol. 160:4500-4507 (May 1, 1998)
- (iii) SHIH et al., "A Major T Cell Determinant from the Influenza Virus Hemagglutinin (HA) can be a Cryptic Self Peptide in HA Transgenic Mice" Int. Immunol., 9(2):249-261 (February, 1997)
- (iv) RILEY et al., "CD4+ Cells that Evade Deletion by a Self Peptide Display Th1-Biased Differentiation", Eur. J. Immunol., 31:311-319 (January, 2001)

The month of publication for documents AAR, AAV, and AAZ could not be determined. The years of publication for these documents are sufficiently earlier than the effective US filing date and/or the foreign priority date of the present application so that the particular month of publication of the documents is not in issue (MPEP 609).

The Examiner is respectfully requested to consider the enclosed documents identified in this paper and in the attached Form PTO/SB/08A/B during the course of examination of this application.

The Director is hereby authorized to charge any deficiency in any fees due with the filing of this paper or during the pendency of this application, or credit any overpayment in any fees to our Deposit Account Number 08-3040.

Respectfully submitted,

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# TRANSMITTAL FORM

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Total Number of Pages in This Submission 6

Application Number	10/532,971
Filing Date	April 27, 2005
First Named Inventor	Caton
Art Unit	1654
Examiner Name	unassigned
Attorney Docket Number	WST108AUSA

## ENCLOSURES (Check all that apply)

- |   |  |  |
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Remarks

Customer No. 00270

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Howson and Howson		
Signature	<i>Mary E. Bak</i>		
Printed name	Mary E. Bak		
Date	<i>Aug. 24, 2006</i>	Reg. No.	31,215

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/532,971
Filing Date	April 27, 2005
First Named Inventor	Calton
Art Unit	1654
Examiner Name	unassigned
Attorney Docket Number	WST108AUSA

Sheet 1 of 2

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
/AW/	AR	RILEY et al., "Graded Deletion and Virus-Induced Activation of Autoreactive CD4+ T Cells", J. Immunol., 265:4870-4876 (November 1, 2000)	
	AS	BOT et al., "Cellular Mechanisms Involved in Protection Against Influenza Virus Infection in Transgenic Mice Expressing a TCR Receptor Specific For Class II Hemagglutinin Peptide in CD4+ and CD8+ Cells", J. Immunol. 160:4500-4507 (May 1, 1998)	
	AT	SHIH et al., "A Major T Cell Determinant from the Influenza Virus Hemagglutinin (HA) can be a Cryptic Self Peptide in HA Transgenic Mice" Int. Immunol., 9(2):249-261 (February, 1997)	
	AU	RILEY et al., "CD4+ Cells that Evade Deletion by a Self Peptide Display Th1-Biased Differentiation", Eur. J. Immunol., 31:311-319 (January, 2001)	
	AV	HEATH et al., "Expression of Two T Cell Receptor $\alpha$ -Chains on the Surface of Normal Murine T Cells" Eur. J. Immunol., 25:1617-1623 (June, 1995)	
	AW	HOLMDAHL et al., "Type II Collagen Autoimmunity in Animals and Provocations Leading to Arthritis" Immunol. Rev., 118:193-232 (December, 1990)	
	AX	JORDAN et al., "Anergy and Suppression Regulate CD4+ T Cell Responses to a Self Peptide" Eur. J. Immunol., 30:136-144 (January, 2000)	
	AY	KEFFER et al., "Transgenic Mice Expressing Human Tumour Necrosis Factor: A Predictive Genetic Model of Arthritis" EMBO J., 10(13):4025-4031 (December, 1991)	
	AZ	KOUSKOFF et al., "A Vector Driving the Expression of Foreign cDNAs in the MHC Class II-Positive Cells of Positive Mice" J. Immunol. Methods 166:287-291 (December 3, 1993)	
	AAR	LIPSKY, "Rheumatoid Arthritis" in Harrison's Principles of Internal Medicine, Fauci et al., Eds., McGraw-Hill Publishers New York, NY: pp. 1880-1888 (1998)	
	AAS	MARRACK et al., "Autoimmune Disease: Why and Where it Occurs" Nat. Med., 7(8): 899-905 (August, 2001)	
	AAT	MATSUMOTO et al., "Arthritis Provoked by Linked T and B Cell Recognition of a Glycolytic Enzyme" Science, 286: 1732-1735 (November 26, 1999)	
	AAU	MCCUSKER et al., "HLA-D Region Antigens in Patients with Rheumatoid Arthritis" Arth. Rheumatism, 34(2): 192-197 (February, 1991)	
✓	AAV	NEPOM, "Major Histocompatibility Complex-Directed Susceptibility to Rheumatoid Arthritis" Adv. Immunol., 68:315-332 (1998)	

Examiner  
Signature

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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETE FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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